

Utah Career and Technical Education Program Approval Standards

Health Science & Technology Education Program Evaluation

EVALUATION DOCUMENT

This document was developed to assist in evaluating Career and Technical Education Programs throughout the state. Quality CTE programs are those which meet program standards based on the quality indicators provided. The goal of the evaluation process is to assist in improving programs. Documentation for each standard must be available upon request, where appropriate.

This document is to be used as the basis for the following processes:

- 1) Program self-evaluation, improvement, goal setting, and long-range planning
- 2) On-site Reviews/Visits
- 3) Annual CTE Program Evaluation Reporting
- 4) Six-Year CTE Program Evaluation

As a department, instructors are to determine ratings for the following quality indicators. Programs with identified deficiencies will be asked to develop a CTE Program Improvement Plan.

EDUCATOR LICENSING

STANDARD 1	All instructors are licensed and appropriately endorsed.	
QUALITY INDICATORS		
1.1 Each instructor is licensed and appropriately endorsed to teach all corresponding courses/ programs. Using the ratings below, determine the instructor endorsement status for each course/program taught. <div style="text-align: center;">1 = NOT endorsed OR 4 = Endorsed</div>		
Instructor	Course/Program	Rating
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
		1 4
If indicator is NOT MET , list what steps will be taken to become properly licensed and/or endorsed. (Use additional sheets if needed.) 		

Secondary Health Science and Technology Education (HST) Courses/Programs:

Introduction to HST Intro to Emergency Med Services Medical Math Medical Office Administration Assisting Medical Assisting	Medical Anatomy & Physiology Exercise Science/Sports Medicine American Sign Language - 1 & 2 Dental Assisting Intro to Medical Lab Technology	Advanced Health Science Medical English Nurse Assisting Emergency Medical Technician
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RANK EACH QUALITY INDICATOR USING THE APPROPRIATE ASSESSMENT LEVEL

In evaluating the HST program, check the number that best describes the degree to which the program meets the quality indicators listed by using the following assessment levels.

LEVELS OF ASSESSMENT

4 – indicates **SUPERIOR** quality

3 – indicates **GOOD** quality

2 -- indicates **MINOR IMPROVEMENT**
needed

1 – indicates **MAJOR IMPROVEMENT**
needed

INTERPRETATION OF LEVEL

Exceeds program standards.

Meets program standards. Additional technical assistance not necessary. Indicated areas could be improved.

Falls below program standards. Demonstrates limited effectiveness. Additional technical assistance and/or resource utilization is required.

Little or no effectiveness. A great deal of technical assistance is an immediate need.

CURRICULUM, INSTRUCTION AND EVALUATION

STANDARD 2		Curriculum, instruction, and evaluation are based on the state-approved standards and objectives.	
QUALITY INDICATORS		Rating	
2.1	Each course offered in the program is a state-approved course.	1	2 3 4
2.2	Each course offered uses state standards and objectives.	1	2 3 4
2.3	Course/program prerequisites are followed.	1	2 3 4
2.4	Program articulates with related core and post-secondary training and/or education programs.	1	2 3 4
2.5	All students receive instruction in personal and leadership development.	1	2 3 4
2.6	Student evaluation systems are in place and based on identified program objectives.	1	2 3 4
2.7	State skill certificate tests or industry exams are administered or accessible in all courses where available.	1	2 3 4
2.8	If state skill certificate tests include Student Performance Evaluation Activities, the activities are started at the beginning of the course, and student progress is recorded throughout the remainder of the course.	1	2 3 4
2.9	Each course has a disclosure statement, including goals, objectives and grading policies.	1	2 3 4
2.10	Work-based Learning experiences are a component of the curriculum.	1	2 3 4
2.11	Program prepares students for related employment opportunities.	1	2 3 4
Additional information and/or Comments:			

STUDENT ACCESS TO PROGRAM

STANDARD 3	Equal access is provided to all students, including non-traditional and special populations.
QUALITY INDICATORS	Rating
3.1 Instructional program encourages the elimination of gender bias and stereotyping. <ul style="list-style-type: none"> How do you recruit special population students into your CTE program? Do your CTE program <u>promotional materials</u> seek to be representative of genders, race, color, national origin or disabilities? 	1 2 3 4
3.2 Educational environment honors diversity and respect of each individual. <ul style="list-style-type: none"> Do minority students enroll in your classes? Why or Why not? What is done to increase enrollment of special pop students, especially male/female enrollments in programs considered nontraditional for their gender? Who is designated as your school's grievance officer? Are you familiar with the grievance process? 	1 2 3 4
3.3 Fair and impartial practices are incorporated into the classroom to facilitate the academic achievement of all students. <ul style="list-style-type: none"> As a CTE teacher, have you ever been involved in student Section 504 plans What specifically was your role in that plan? What promotions or recruitment activities does the CTE program pursue within the high school and to pre-high school students? What do these activities do to encourage students to enroll in nontraditional programs and to encourage students of color, national origin and disabilities to seek out and enroll in these CTE programs? 	1 2 3 4
3.4 Fair and impartial assessment practices are incorporated into the classroom. <ul style="list-style-type: none"> What instructional, evaluation and/or testing accommodations do you make for special population students? 	1 2 3 4
3.5 Facility is free of barriers that would result in the denial of access to persons on the basis of race, color, national origin or disability. <ul style="list-style-type: none"> What is done to ensure that students with limited English proficiency are successful in your classes? Are there any physical barriers that will limit the access of special population students in your classroom? Where would you put a student in a wheelchair in this classroom? Why? What physical accommodations would need to be made to ensure the accessibility of all students in this classroom? 	1 2 3 4
3.6 Entire curriculum is available to all students.	1 2 3 4
Additional Information and/or Comments: Submit samples of program posters, brochures, pamphlets, handouts, testing materials, bulletin board displays, school catalog that are used in the classroom to promote enrollment and participation of ALL students (especially special pops). Do you have any 504 plans on file?	1 2 3 4

SAFE PRACTICES

STANDARD 4 Safe practices are understood and implemented.	
QUALITY INDICATORS	Rating
4.1 State and/or district health and safety policies and procedures are utilized.	1 2 3 4
4.2 Where applicable, Standard Precautions as set forth by OSHA are implemented.	1 2 3 4
4.3 Safety instruction is planned, carried out and documented.	1 2 3 4
4.4 Appropriate equipment is provided to protect students and instructors from injury.	1 2 3 4
4.5 Where appropriate, evidence of hazardous material handling instruction are retained on file to verify that appropriate training has taken place.	1 2 3 4
<i>Additional Information and/or Comments:</i>	

LONG-RANGE PLAN

STANDARD 5 There is a 3- to 5-year written plan that provides program direction and improvement.	
QUALITY INDICATORS	Rating
5.1 Instructors have developed a 3- to 5-year program plan that is reviewed and updated annually. Plans may include strategies for articulation with other education institutions; establishing and maintaining industry and education partnerships; achieving skills certificates or recognized credentials; repairing, replacing and purchasing equipment; recruiting and mentoring students, etc.	1 2 3 4
5.2 Recommendations and suggestions provided by district and school administrators, accreditation teams, counselors, and advisory committees are considered in developing the plan.	1 2 3 4
5.3 Program is organized to provide adequate opportunities for students to develop the necessary skills needed for continued education and/or employment in related occupations.	1 2 3 4
5.4 Program works to develop education and industry partnerships to support program.	1 2 3 4
5.5 Program leads to a skill certificate or other recognized credential.	1 2 3 4
5.6 Program is articulated with other educational institutions.	1 2 3 4
<i>Additional Information and/or Comments:</i>	

CTE LEADERSHIP ORGANIZATION (CTSO)

STANDARD 6	Intra-curricular student leadership training opportunities are provided through the related Career and Technical Student Organization (CTSO).	
QUALITY INDICATORS		Rating
6.1	Students enrolled in the program have an opportunity to affiliate and participate in Health Occupations Students of America (HOSA). • What specific strategies are used to recruit special population students into your CTSO? • How many special population students are members of your CTSO?	1 2 3 4
6.2	HOSA is an intra-curricular part of the program.	1 2 3 4
6.3	HOSA provides opportunities for students to participate in community service activities.	1 2 3 4
6.4	HOSA provides opportunities for students to participate in leadership training activities.	1 2 3 4
6.5	HOSA provides opportunities for students to participate in regional, state or national competitions.	1 2 3 4
6.6	School/district makes provision for travel expenses and release time for the advisor(s) to participate in HOSA activities.	1 2 3 4
6.7	School/district makes provision for travel expenses and release time for students to participate in HOSA activities.	1 2 3 4
6.8	Local HOSA chapter is affiliated with appropriate state and national organization.	1 2 3 4
6.9	Evaluate the effectiveness of HOSA.	1 2 3 4
Additional Information and/or Comments:		

ADVISORY COMMITTEE

STANDARD 7	The program utilizes an advisory committee. Functions of the advisory committee may include annual program evaluation, long-range planning, marketing, suggestions and recommendations.	
QUALITY INDICATORS		Rating
7.1	Program utilizes an advisory committee with appropriate representation, such as business, industry, education, community, government agencies, and special population groups. • What are the demographics of the CTE advisory committees in terms of gender, color, national origin and disabilities? <i>*Functions of the Advisory Committee are to make recommendations and suggestions, assist with long-range planning, conduct annual evaluations and help market the program to the community.</i>	1 2 3 4 N/A
7.2	Program relies upon program direction from the State HST Advisory Committee.	1 2 3 4
Additional Information and/or Comments:		

EQUIPMENT & SUPPLIES

STANDARD 8	Proper equipment and adequate supplies are available to maintain and support the program.	
QUALITY INDICATORS		Rating
8.1	Equipment provided is consistent with program objectives.	1 2 3 4
8.2	Established procedures for the maintenance, repair, and replacement of equipment are followed.	1 2 3 4
8.3	Supplies or an annual supply budget is provided for the program.	1 2 3 4
8.4	Current inventory of equipment is on file and updated annually.	1 2 3 4
8.5	Each classroom and/or lab has at least one computer with Internet access and email capability for instructors.	1 2 3 4
8.6	Program is adequately equipped and supplied to meet the needs of all students.	1 2 3 4
Additional Information and/or Comments:		

FACILITIES

STANDARD 9	Classrooms, laboratories, and storage areas provide adequate, quality, and safe learning environments to meet program objectives.	
QUALITY INDICATORS		Rating
9.1	Facilities provided for the program are consistent with program standards and objectives.	1 2 3 4
9.2	Environmental factors, such as air and water temperature, noise, ventilation, light, and particulate control are maintained at appropriate levels.	1 2 3 4
9.3	Storage space is functional and sufficient for instructional materials, supplies, and equipment.	1 2 3 4
9.4	Classrooms and laboratories are safe, clean, properly maintained, and in good repair to provide an environment conducive to learning.	1 2 3 4
9.5	Facility repairs and improvement requests are submitted and resolved in a timely manner.	1 2 3 4
9.6	Instructor workstations are adequate and appropriately equipped.	1 2 3 4
9.7	Facilities are properly maintained to provide an environment conducive to learning.	1 2 3 4
Additional Information and/or Comments:		

INSTRUCTIONAL MATERIALS

STANDARD 10	Appropriate instructional materials are available to achieve the goals and objectives of the program.	
QUALITY INDICATORS		Rating
10.1	Instructional materials support state approved standards and objectives.	1 2 3 4
10.2	Adequate instructional materials are available for all students in all courses.	1 2 3 4
10.3	Instruction is enriched with appropriate instructional technology and related resources such as computers and software, CD-ROM, access to Internet, audiovisual aids, etc.	1 2 3 4
10.4	The instructional materials utilized in the department are 5 years old or less and are on the school purchase rotation schedule.	1 2 3 4
10.5	Materials are available in the school for students to become aware of a broad range of careers, continued education and/or training opportunities.	1 2 3 4
<i>Additional Information and/or Comments:</i>		

STUDENT/INSTRUCTOR RATIO

STANDARD 11	Reasonable enrollment and appropriate student/instructor ratios are maintained to ensure that program objectives are met in a safe and effective manner.	
QUALITY INDICATORS		Rating
11.1	Enrollment in laboratory courses does not exceed the available workstations.	1 2 3 4
11.2	Enrollment in all courses ensures that the program objectives are met in a safe and effective manner.	1 2 3 4
11.3	Enrollment is aligned with job market demands and/or continuing education opportunities.	1 2 3 4
<i>Additional Information and/or Comments:</i>		

BUDGET

STANDARD 12	The program has an annual operating budget.			
QUALITY INDICATORS				Rating
12.1	All instructors provide input in regard to the amount of their annual operating budget.			1 2 3 4
12.2	All instructors have access to and control over an annual supplies budget.			1 2 3 4
12.3	Allocated resources are sufficient to provide for the maintenance, repair, replacement of equipment and the operation of the facility.			1 2 3 4
12.4	When lab fees are collected, they are expended for supplies used by students enrolled in the course/program.			1 2 3 4
12.5	Budget is consistent with long range plans.			1 2 3 4
Additional Information and/or Comments:				

ADMINISTRATION SUPPORT

STANDARD 13	District and school administration understand and demonstrate support for the program.				
QUALITY INDICATORS					Rating
13.1	Innovative instruction and program enhancements are encouraged and supported.				1 2 3 4
13.2	Faculty input is considered prior to determining teaching assignments and schedules in an effort to facilitate efficient classroom/lab management and utilization.				1 2 3 4
13.3	Instructors ensure that counselors are familiar with the goals, objectives, activities, prerequisites, enrollment guidelines and curriculum of the program.				1 2 3 4
13.4	Instructors ensure that administrators are familiar with the goals, objectives, activities, prerequisites, enrollment guidelines and curriculum of the program.				1 2 3 4
13.5	Counselors register students based on the goals, objectives, activities, prerequisites, and enrollment guidelines of the program.				1 2 3 4
Additional Information and/or Comments:					

PROFESSIONAL ASSOCIATION & DEVELOPMENT

STANDARD 14	Instructors participate in appropriate professional association and professional development activities.	
QUALITY INDICATORS		Rating
14.1	Instructors maintain membership in related state and national professional organizations.	1 2 3 4
14.2	Instructors strive to upgrade their skills and knowledge by attending conferences, conventions, college courses, staff development in-service, and other sources of training.	1 2 3 4
14.3	Instructors act as role models for students and exhibit leadership, teamwork, ethical and professional practices.	1 2 3 4
14.4	Instructors have experience and/or opportunities to work with industry.	1 2 3 4
14.5	Instructors work cooperatively with other faculty and correlate the instructional program with other subject areas.	1 2 3 4
Additional Information and/or Comments:		

CTE CAREER PATHWAYS

STANDARD 15	Students have the opportunity to concentrate in State Recognized CTE Career Pathways.	
QUALITY INDICATORS		Rating
15.1	CTE courses are organized into State recognized CTE pathways	1 2 3 4
15.2	Courses offered allow students to complete or concentrate in CTE pathways	1 2 3 4
15.3	High School to College Articulation Maps are developed showing CTE Pathway connection to specific college majors or ATC programs available in region, including Tech Prep and Concurrent Enrollment options	1 2 3 4
15.4	CTE pathway information is available and understood by teachers and counselors	1 2 3 4
15.5	Counselors use CTE pathway information to assist students plan their HS schedules	1 2 3 4
Additional Information and/or Comments:		

On-Site Utah CTE Program Evaluation Report School:

Program Area: Health Science and Technology Education
State Specialist: Thalea Longhurst
Phone: (801) 538-7889
Email: Thalea.longhurst@schools.utah.gov

Commendations:

- 1.
- 2.
- 3.

Needed Improvements (including deadline for completion):

- 1.
- 2.
- 3.

* Programs with needed improvements will be asked to develop a CTE Program Improvement Plan.

Other Suggestions:

- 1.
- 2.
- 3.